BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work: Improvements to CC roads and Drains at Defence colony, Havanoor Layout , Munikondappa Layout in Bagalgunte and Improvements to roads and Drains at 16th A cross 19th Cross and other cross roads at bagalgunte main road , improvements to cc roads surrounding of magnam school bhuvaneshwari nagara at bagalagunte ward no 14(2works)

Modified & Workslip

Estimate Cost : 2.00 Lakhs

Job Code No:

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to CC roads and Drains at Defence colony, Havanoor Layout , Munikondappa Layout in Bagalgunte and Improvements to roads and Drains at 16th A cross 19th Cross and other cross roads at bagalgunte main road , improvements to cc roads surrounding of magnam school bhuvaneshwari nagara at bagalagunte ward no 14(2works)

Name of Agency : M/S. M.S.V. Construction Company

Work order No: EE/DD/W.O/110/2020-21 Dated: 11-08-2020

Tender Cost : 2,24,66,638.00 Lakhs

MODIFIED ESTIMATE

Sl No.	Description of work	Unit	Nos	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)								
		Sqm		Not Executed					
						Schedule-B Qty	1000.34		
						Total Qty		116.87	0.00
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	For Kirloskar layout road to Amul ice-cream paralor end								
	Ch:0.00m to Ch: 5.00m	Cum	1	5.00	15.05	0.30	**22.58**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20	0.30	**109.80**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70	0.30	**95.25**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90	0.30	**107.10**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90	0.30	**107.10**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70	0.30	**114.30**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25	0.30	**101.25**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90	0.30	**116.10**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60	0.30	**95.40**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20	0.30	**118.80**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10	0.30	**108.90**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10	0.30	**108.90**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65	0.30	**113.85**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00	0.30	**99.00**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45	0.30	**112.05**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50	0.30	**29.33**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		2	7.00	13.15	0.30	**55.23**		
	Ch:7.00m to Ch: 18.00m		2	11.00	12.50	0.30	**82.50**		
	Ch:18.00m to Ch: 30.00m		2	12.00	6.70	0.30	**48.24**		
	Ch:30.00m to Ch: 60.00m		2	30.00	6.30	0.30	**113.40**		
	Ch:60.00m to Ch: 90.00m		2	30.00	6.40	0.30	**115.20**		
	Ch:90.00m to Ch: 120.00m		2	30.00	5.20	0.30	**93.60**		
	Ch:120.00m to Ch: 150.00m		2	30.00	6.80	0.30	**122.40**		
	Ch:150.00m to Ch: 180.00m		2	30.00	6.55	0.30	**117.90**		
	Ch:180.00m to Ch: 210.00m		2	30.00	7.10	0.30	**127.80**		
	Ch:210.00m to Ch: 240.00m		2	30.00	7.10	0.30	**127.80**		
	Ch:240.00m to Ch: 270.00m		2	30.00	6.20	0.30	**111.60**		
	Ch:270.00m to Ch: 274.10m		2	4.10	6.90	0.30	**16.97**		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		2	15.00	5.65	0.30	**50.85**		
	Ch:15.00m to Ch: 30.00m		2	15.00	6.25	0.30	**56.25**		
	Ch:30.00m to Ch: 60.00m		2	30.00	7.10	0.30	**127.80**		
	Ch:60.00m to Ch: 90.00m		2	30.00	7.00	0.30	**126.00**		
	Ch:90.00m to Ch: 120.00m		2	30.00	6.90	0.30	**124.20**		

	Ch:120.00m to Ch: 150.00m		2	30.00	7.70	0.30	**138.60**		
	Ch:150.00m to Ch: 180.00m		2	30.00	7.40	0.30	**133.20**		
	Ch:180.00m to Ch: 210.00m		2	30.00	6.00	0.30	**108.00**		
	Ch:210.00m to Ch: 221.80m		2	11.80	6.10	0.30	**43.19**		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		2	30.00	4.40	0.30	**79.20**		
	Ch:30.00m to Ch: 60.00m		2	30.00	3.80	0.30	**68.40**		
	Ch:60.00m to Ch: 81.00m		2	21.00	3.90	0.30	**49.14**		
	For MHR Layout Road								
	Ch:0.00m to Ch: 85.00m		2	0.00	0.00	0.30	**0.00**		
	Ch:85.00m to Ch: 90.00m		2	5.00	4.65	0.30	**13.95**		
	Ch:90.00m to Ch: 120.00m		2	30.00	4.60	0.30	**82.80**		
	Ch:120.00m to Ch: 150.00m		2	30.00	5.75	0.30	**103.50**		
	Ch:150.00m to Ch: 180.00m		2	30.00	5.00	0.30	**90.00**		
	Ch:180.00m to Ch: 196.60m		2	16.60	5.20	0.30	**51.79**		
	Ch:196.60m to Ch: 213.60m		2	17.00	16.10	0.30	**164.22**		
	Ch:213.60m to Ch: 240.00m		2	26.40	6.40	0.30	**101.38**		
	Ch:240.00m to Ch: 270.00m		2	30.00	5.70	0.30	**102.60**		
	Ch:270.00m to Ch: 300.00m		2	30.00	5.40	0.30	**97.20**		
	Ch:300.00m to Ch: 330.00m		2	30.00	6.70	0.30	**120.60**		
	Ch:330.00m to Ch: 360.00m		2	30.00	7.00	0.30	**126.00**		
	Ch:360.00m to Ch: 390.00m		2	30.00	6.20	0.30	**111.60**		
	Ch:390.00m to Ch: 420.00m		2	30.00	5.10	0.30	**91.80**		
	Ch:420.00m to Ch: 450.00m		2	30.00	5.70	0.30	**102.60**		
	Ch:450.00m to Ch: 467.50m		2	17.50	7.40	0.30	**77.70**		
	Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
	Ch:473.70m to Ch: 500.00m		2	26.30	6.90	0.30	**108.88**		
	Ch:500.00m to Ch: 530.00m		2	30.00	6.50	0.30	**117.00**		
	For NMH Gobal School Road								
	Ch:0.00m to Ch: 30.00m		1	30.00	5.75	0.30	**51.75**		
	Ch:30.00m to Ch: 60.00m		1	30.00	6.00	0.30	**54.00**		
	Ch:85.00m to Ch: 90.00m		1	5.00	5.90	0.30	**8.85**		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.50	0.30	**58.50**		
	Ch:120.00m to Ch: 150.00m		1	30.00	5.80	0.30	**52.20**		
	Ch:150.00m to Ch: 180.00m		2	30.00	5.80	0.30	**104.40**		
	Ch:180.00m to Ch: 210.0m		2	30.00	6.40	0.30	**115.20**		
	Ch:210.00m to Ch: 240.00m		2	30.00	6.50	0.30	**117.00**		
	Ch:240.00m to Ch: 270.00m		2	30.00	6.70	0.30	**120.60**		
	Ch:270.00m to Ch: 300.00m		2	30.00	6.00	0.30	**108.00**		
	Ch:300.00m to Ch: 330.00m		2	30.00	6.60	0.30	**118.80**		
	Ch:330.00m to Ch: 360.00m		2	30.00	6.80	0.30	**122.40**		
	Ch:360.00m to Ch: 364.00m		2	4.00	6.80	0.30	**16.32**		
	Ch:364.00m to Ch: 390.00m		2	26.00	6.50	0.30	**101.40**		
	Ch:390.00m to Ch: 420.00m		2	30.00	5.90	0.30	**106.20**		
	Ch:420.00m to Ch: 450.00m		2	30.00	5.60	0.30	**100.80**		
	Ch:450.00m to Ch: 453.40m		2	3.40	5.60	0.30	**11.42**		
	1st Cross Siddeshwara layout								
	Ch:0.00m to Ch: 30.00m		2	30.00	4.30	0.30	**77.40**		
	Ch:30.00m to Ch: 44.60m		2	14.60	4.30	0.30	**37.67**		
	2nd Cross Siddeshwara layout								
	Ch:0.00m to Ch: 30.00m		2	30.00	4.35	0.30	**78.30**		
	Ch:30.00m to Ch: 41.40m		2	11.40	4.00	0.30	**27.36**		
	NMH Kalayana Mantapa Road								
	Ch:1905.00m to Ch: 1910.00m		1	5.00	8.90	0.30	**13.35**		
	Ch:1910.00m to Ch: 1940.00m		1	30.00	5.80	0.30	**52.20**		

	Ch.1940.00m to Ch. 1970.00m		1	30.00	7.00	0.30	**63.00**		
	Ch.1970.00m to Ch. 2000.00m		1	30.00	7.90	0.30	**71.10**		
	Ch.2000.00m to Ch. 2029.00m		1	30.00	5.70	0.30	**51.30**		
	Ch.2030.00m to Ch. 2060.00m		1	30.00	6.30	0.30	**56.70**		
	Ch.2060.00m to Ch. 2090.00m		1	30.00	7.15	0.30	**64.35**		
	Ch.2090.00m to Ch. 2120.00m		1	30.00	6.70	0.30	**60.30**		
	Ch.2120.00m to Ch. 2150.00m		1	30.00	7.50	0.30	**67.50**		
	Ch.2150.00m to Ch. 2157.00m		1	7.00	7.70	0.30	**16.17**		
	Ch.2157.00m to Ch. 2163.00m	6.00m	Approch Concrete for SWD Culvert						
	Ch.2163.00m to Ch. 2170.00m	7.00m	SWD Culvert						
	Ch.2170.00m to Ch. 2175.00m	5.00m	Approch Concrete for SWD Culvert						
	Ch.2175.00m to Ch. 2200.00m		1	25.00	5.95	0.30	**44.63**		
	Ch.2200.00m to Ch. 2230.00m		1	30.00	6.10	0.30	**54.90**		
	Ch.2230.00m to Ch. 2241.40m		1	11.00	8.65	0.30	**28.55**		
	Siddeshwara temple road		1	30.00	6.50	0.30	**58.50**		
			1	30.00	6.50	0.30	**58.50**		
			1	25.00	6.50	0.30	**48.75**		
	Siddeshwara temple 1st cross		2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
	Siddeshwara temple 2nd cross		2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	19.00	1.20	0.30	**13.68**		
						Total Qty	**8412.83**		
					Schedule-B Qty		**2342.58**	**239.48**	**561001.06**
					Upto125% Qty		**585.64**	**239.48**	**140249.07**
					Above 125% Qty		**5484.61**	**144.69**	**793568.80**
						Total Qty	**8412.83**		**1494818.93**

3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications								
		Cum							
			Not Executed						
						Schedule-B Qty	**256.46**		
						Total Qty		**5758.80**	**0.00**
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500								
		Tonne							
	Sump		Not Executed						
						Total Qty	**0.00**	**78985.16**	**0.00**
5	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2								
		Sqm							
	Sump		Not Executed						
						Total Qty	**0.00**	**398.45**	**0.00**
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
		Cum							
			Not Executed						
							0.00	**6488.18**	**0.00**
7	Providing and laying precast drain cover slab of 100mm thickness in CM 1:3 including cost of all materials , labour , curing, transportation, loading, unloading etc., complete as per the direction of the engineer in charge (1.20x.6x0.10) data rate. With all lead and lift loading and unloading and all other incidental charge etc., complete as per specification and direction of the engineer-in-charge of the work								
		Sqm							
			Not Executed						
						Total Qty	**1328.40**	**2318.40**	**0.00**
8	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202								
		Cum							
			Not Executed						
						Total Qty	**422.85**	**434.07**	**0.00**
9	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
		Cum							
			Not Executed						
						Schedule-B Qty	**495.70**	**144.69**	**0.00**

10	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
		Cum							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05	0.20	**15.05**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20	0.20	**73.20**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70	0.20	**63.50**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90	0.20	**71.40**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90	0.20	**71.40**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70	0.20	**76.20**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25	0.20	**67.50**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90	0.20	**77.40**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60	0.20	**63.60**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20	0.20	**79.20**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10	0.20	**72.60**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10	0.20	**72.60**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65	0.20	**75.90**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00	0.20	**66.00**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45	0.20	**74.70**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50	0.20	**19.55**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		2	7.00	1.20	0.20	**3.36**		
	Ch:7.00m to Ch: 18.00m		2	11.00	1.20	0.20	**5.28**		
	Ch:18.00m to Ch: 30.00m		2	12.00	1.20	0.20	**5.76**		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:60.00m to Ch: 90.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:180.00m to Ch: 210.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:210.00m to Ch: 240.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:270.00m to Ch: 274.10m		2	4.10	1.20	0.20	**1.97**		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		2	15.00	1.20	0.20	**7.20**		
	Ch:15.00m to Ch: 30.00m		2	15.00	1.20	0.20	**7.20**		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:60.00m to Ch: 90.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:180.00m to Ch: 210.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:210.00m to Ch: 221.80m		2	11.80	1.20	0.20	**5.66**		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:60.00m to Ch: 81.00m		2	21.00	1.20	0.20	**10.08**		
	For MHR Layout								
	Ch:0.00m to Ch: 85.00m		Existing Road				**0.00**		
	Ch:85.00m to Ch: 90.00m		2	5.00	1.20	0.20	**2.40**		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.20	**14.40**		
	Ch:180.00m to Ch: 196.60m		2	16.60	1.20	0.20	**7.97**		

Ch:196.60m to Ch: 213.60m		2	17.00	1.20	0.20	**8.16**		
Ch:213.60m to Ch: 240.00m		2	26.40	1.20	0.20	**12.67**		
Ch:240.00m to Ch: 270.00m		2	30.00	1.20	0.20	**14.40**		
Ch:270.00m to Ch: 300.00m		2	30.00	1.20	0.20	**14.40**		
Ch:300.00m to Ch: 330.00m		2	30.00	1.20	0.20	**14.40**		
Ch:330.00m to Ch: 360.00m		2	30.00	1.20	0.20	**14.40**		
Ch:360.00m to Ch: 390.00m		2	30.00	1.20	0.20	**14.40**		
Ch:390.00m to Ch: 420.00m		2	30.00	1.20	0.20	**14.40**		
Ch:420.00m to Ch: 450.00m		2	30.00	1.20	0.20	**14.40**		
Ch:450.00m to Ch: 467.50m		2	17.50	1.20	0.20	**8.40**		
Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
Ch:473.70m to Ch: 500.00m		2	26.30	1.20	0.20	**12.62**		
Ch:500.00m to Ch: 530.00m		2	30.00	1.20	0.20	**14.40**		
For NMH Gobal School Road								
Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.20	**14.40**		
Ch:30.00m to Ch: 60.00m		2	30.00	1.20	0.20	**14.40**		
Ch:85.00m to Ch: 90.00m		2	5.00	1.20	0.20	**2.40**		
Ch:90.00m to Ch: 120.00m		2	30.00	1.20	0.20	**14.40**		
Ch:120.00m to Ch: 150.00m		2	30.00	1.20	0.20	**14.40**		
Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.20	**14.40**		
Ch:180.00m to Ch: 210.0m		2	30.00	1.20	0.20	**14.40**		
Ch:210.00m to Ch: 240.00m		2	30.00	1.20	0.20	**14.40**		
Ch:240.00m to Ch: 270.00m		2	30.00	1.20	0.20	**14.40**		
Ch:270.00m to Ch: 300.00m		2	30.00	1.20	0.20	**14.40**		
Ch:300.00m to Ch: 330.00m		2	30.00	1.20	0.20	**14.40**		
Ch:330.00m to Ch: 360.00m		2	30.00	1.20	0.20	**14.40**		
Ch:360.00m to Ch: 364.00m		2	4.00	1.20	0.20	**1.92**		
Ch:364.00m to Ch: 390.00m		2	26.00	1.20	0.20	**12.48**		
Ch:390.00m to Ch: 420.00m		2	30.00	1.20	0.20	**14.40**		
Ch:420.00m to Ch: 450.00m		2	30.00	1.20	0.20	**14.40**		
Ch:450.00m to Ch: 453.40m		2	3.40	1.20	0.20	**1.63**		
1st Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.20	**14.40**		
Ch:30.00m to Ch: 44.60m		2	14.60	1.20	0.20	**7.01**		
2nd Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.20	**14.40**		
Ch:30.00m to Ch: 41.40m		2	11.40	1.20	0.20	**5.47**		
NMH Kalayana Mantapa Road								
Ch:1905.00m to Ch: 1910.00m		2	5.00	1.50	0.20	**3.00**		
Ch:1910.00m to Ch: 1940.00m		2	30.00	1.50	0.20	**18.00**		
Ch:1940.00m to Ch: 1970.00m		2	30.00	1.50	0.20	**18.00**		
Ch:1970.00m to Ch: 2000.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2000.00m to Ch: 2030.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2030.00m to Ch: 2060.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2060.00m to Ch: 2090.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2090.00m to Ch: 2120.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2120.00m to Ch: 2150.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2150.00m to Ch: 2157.00m		2	7.00	1.50	0.20	**4.20**		
Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
Ch:2175.00m to Ch: 2200.00m		2	25.00	1.50	0.20	**15.00**		
Ch:2200.00m to Ch: 2230.00m		2	30.00	1.50	0.20	**18.00**		
Ch:2230.00m to Ch: 2241.40m		2	11.00	1.50	0.20	**6.60**		
Siddeshwara temple road		2	30.00	1.20	0.20	**14.40**		

			2	30.00	1.20	0.30	**21.60**		
			2	25.00	1.20	0.30	**18.00**		
	Siddeshwara temple 1st cross		2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
	Siddeshwara temple 2nd cross		2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	30.00	1.20	0.30	**21.60**		
			2	19.00	1.20	0.30	**13.68**		
						Total Qty	**2559.53**		
						Schedule-B Qty	**871.16**	2101.34	1830603.35
						Upto125% Qty	**217.79**	2101.34	457650.84
						Above 125% Qty	**1470.58**	2101.34	3090184.37
						Total Qty	**2559.53**		**5378438.57**
11	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502								
		Sqm							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05		**75.25**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20		**366.00**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70		**317.50**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90		**357.00**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90		**357.00**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70		**381.00**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25		**337.50**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90		**387.00**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60		**318.00**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20		**396.00**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10		**363.00**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10		**363.00**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65		**379.50**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00		**330.00**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45		**373.50**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50		**97.75**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		2	7.00	1.20		**16.80**		
	Ch:7.00m to Ch: 18.00m		2	11.00	1.20		**26.40**		

	Ch:18.00m to Ch: 30.00m		2	12.00	1.20		28.80		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20		72.00		
	Ch:60.00m to Ch: 90.00m		2	30.00	1.20		72.00		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20		72.00		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20		72.00		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20		72.00		
	Ch:180.00m to Ch: 210.00m		2	30.00	1.20		72.00		
	Ch:210.00m to Ch: 240.00m		2	30.00	1.20		72.00		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20		72.00		
	Ch:270.00m to Ch: 274.10m		2	4.10	1.20		9.84		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		2	15.00	1.20		36.00		
	Ch:15.00m to Ch: 30.00m		2	15.00	1.20		36.00		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20		72.00		
	Ch:60.00m to Ch: 90.00m		2	30.00	1.20		72.00		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20		72.00		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20		72.00		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20		72.00		
	Ch:180.00m to Ch: 210.00m		2	30.00	1.20		72.00		
	Ch:210.00m to Ch: 221.80m		2	11.80	1.20		28.32		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20		72.00		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20		72.00		
	Ch:60.00m to Ch: 81.00m		2	21.00	1.20		50.40		
	For MHR Layout								
	Ch:0.00m to Ch: 85.00m			0.00	0.00		0.00		
	Ch:85.00m to Ch: 90.00m		2	5.00	1.20		12.00		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20		72.00		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20		72.00		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20		72.00		
	Ch:180.00m to Ch: 196.60m		2	16.60	1.20		39.84		
	Ch:196.60m to Ch: 213.60m		2	17.00	1.20		40.80		
	Ch:213.60m to Ch: 240.00m		2	26.40	1.20		63.36		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20		72.00		
	Ch:270.00m to Ch: 300.00m		2	30.00	1.20		72.00		
	Ch:300.00m to Ch: 330.00m		2	30.00	1.20		72.00		
	Ch:330.00m to Ch: 360.00m		2	30.00	1.20		72.00		
	Ch:360.00m to Ch: 390.00m		2	30.00	1.20		72.00		
	Ch:390.00m to Ch: 420.00m		2	30.00	1.20		72.00		
	Ch:420.00m to Ch: 450.00m		2	30.00	1.20		72.00		
	Ch:450.00m to Ch: 467.50m		2	17.50	1.20		42.00		
	Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
	Ch:473.70m to Ch: 500.00m		2	26.30	1.20		63.12		
	Ch:500.00m to Ch: 530.00m		2	30.00	1.20		72.00		
	For NMH Gobal School Road								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20		72.00		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20		72.00		
	Ch:85.00m to Ch: 90.00m		2	5.00	1.20		12.00		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20		72.00		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20		72.00		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20		72.00		
	Ch:180.00m to Ch: 210.0m		2	30.00	1.20		72.00		
	Ch:210.00m to Ch: 240.00m		2	30.00	1.20		72.00		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20		72.00		
	Ch:270.00m to Ch: 300.00m		2	30.00	1.20		72.00		

Ch:300.00m to Ch: 330.00m		2	30.00	1.20		**72.00**		
Ch:330.00m to Ch: 360.00m		2	30.00	1.20		**72.00**		
Ch:360.00m to Ch: 364.00m		2	4.00	1.20		**9.60**		
Ch:364.00m to Ch: 390.00m		2	26.00	1.20		**62.40**		
Ch:390.00m to Ch: 420.00m		2	30.00	1.20		**72.00**		
Ch:420.00m to Ch: 450.00m		2	30.00	1.20		**72.00**		
Ch:450.00m to Ch: 453.40m		2	3.40	1.20		**8.16**		
1st Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2	30.00	1.20		**72.00**		
Ch:30.00m to Ch: 44.60m		2	14.60	1.20		**35.04**		
2nd Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2	30.00	1.20		**72.00**		
Ch:30.00m to Ch: 41.40m		2	11.40	1.20		**27.36**		
NMH Kalayana Mantapa Road								
Ch:1905.00m to Ch: 1910.00m		2	5.00	1.50		**15.00**		
Ch:1910.00m to Ch: 1940.00m		2	30.00	1.50		**90.00**		
Ch:1940.00m to Ch: 1970.00m		2	30.00	1.50		**90.00**		
Ch:1970.00m to Ch: 2000.00m		2	30.00	1.50		**90.00**		
Ch:2000.00m to Ch: 2030.00m		2	30.00	1.50		**90.00**		
Ch:2030.00m to Ch: 2060.00m		2	30.00	1.50		**90.00**		
Ch:2060.00m to Ch: 2090.00m		2	30.00	1.50		**90.00**		
Ch:2090.00m to Ch: 2120.00m		2	30.00	1.50		**90.00**		
Ch:2120.00m to Ch: 2150.00m		2	30.00	1.50		**90.00**		
Ch:2150.00m to Ch: 2157.00m		2	7.00	1.50		**21.00**		
Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
Ch:2175.00m to Ch: 2200.00m		2	25.00	1.50		**75.00**		
Ch:2200.00m to Ch: 2230.00m		2	30.00	1.50		**90.00**		
Ch:2230.00m to Ch: 2241.40m		2	11.00	1.50		**33.00**		
Siddeshwara temple road		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	25.00	1.20		**60.00**		
Siddeshwara temple 1st cross		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
Siddeshwara temple 2nd cross		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		
		2	30.00	1.20		**72.00**		

			2	30.00	1.20		72.00		
			2	30.00	1.20		72.00		
			2	30.00	1.20		72.00		
			2	30.00	1.20		72.00		
			2	19.00	1.20		45.60		
						Total Qty	**11874.84**		
						Schedule-B Qty	**5396.90**	35.62	192257.58
						Upto125% Qty	**1349.22**	35.62	48059.22
						Above 125% Qty	**5128.72**	37.84	194070.76
						Total Qty	**11874.84**		**434367.56**
12	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501								
		Sqm							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05		**75.25**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20		**366.00**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70		**317.50**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90		**357.00**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90		**357.00**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70		**381.00**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25		**337.50**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90		**387.00**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60		**318.00**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20		**396.00**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10		**363.00**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10		**363.00**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65		**379.50**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00		**330.00**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45		**373.50**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50		**97.75**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		1	7.00	13.15		**92.05**		
	Ch:7.00m to Ch: 18.00m		1	11.00	12.50		**137.50**		
	Ch:18.00m to Ch: 30.00m		1	12.00	6.70		**80.40**		
	Ch:30.00m to Ch: 60.00m		1	30.00	6.30		**189.00**		
	Ch:60.00m to Ch: 90.00m		1	30.00	6.40		**192.00**		
	Ch:90.00m to Ch: 120.00m		1	30.00	5.20		**156.00**		
	Ch:120.00m to Ch: 150.00m		1	30.00	6.80		**204.00**		
	Ch:150.00m to Ch: 180.00m		1	30.00	6.55		**196.50**		
	Ch:180.00m to Ch: 210.00m		1	30.00	7.10		**213.00**		
	Ch:210.00m to Ch: 240.00m		1	30.00	7.10		**213.00**		
	Ch:240.00m to Ch: 270.00m		1	30.00	6.20		**186.00**		
	Ch:270.00m to Ch: 274.10m		1	4.10	6.90		**28.29**		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		1	15.00	5.65		**84.75**		
	Ch:15.00m to Ch: 30.00m		1	15.00	6.25		**93.75**		
	Ch:30.00m to Ch: 60.00m		1	30.00	7.10		**213.00**		
	Ch:60.00m to Ch: 90.00m		1	30.00	7.00		**210.00**		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.90		**207.00**		
	Ch:120.00m to Ch: 150.00m		1	30.00	7.70		**231.00**		
	Ch:150.00m to Ch: 180.00m		1	30.00	7.40		**222.00**		
	Ch:180.00m to Ch: 210.00m		1	30.00	6.00		**180.00**		
	Ch:210.00m to Ch: 221.80m		1	11.80	6.10		**71.98**		

5th Cross Road								
Ch 0.00m to Ch: 30.00m		1	30.00	4.40		**132.00**		
Ch:30.00m to Ch: 60.00m		1	30.00	3.80		**114.00**		
Ch:60.00m to Ch: 81.00m		1	21.00	3.90		**81.90**		
For MHR Layout								
Ch 0.00m to Ch: 85.00m		1	0.00	0.00		**0.00**		
Ch:85.00m to Ch: 90.00m		1	5.00	4.65		**23.25**		
Ch:90.00m to Ch: 120.00m		1	30.00	4.60		**138.00**		
Ch:120.00m to Ch: 150.00m		1	30.00	5.75		**172.50**		
Ch:150.00m to Ch: 180.00m		1	30.00	5.00		**150.00**		
Ch:180.00m to Ch: 196.60m		1	16.60	5.20		**86.32**		
Ch:196.60m to Ch: 213.60m		1	17.00	16.10		**273.70**		
Ch:213.60m to Ch: 240.00m		1	26.40	6.40		**168.96**		
Ch:240.00m to Ch: 270.00m		1	30.00	5.70		**171.00**		
Ch:270.00m to Ch: 300.00m		1	30.00	5.40		**162.00**		
Ch:300.00m to Ch: 330.00m		1	30.00	6.70		**201.00**		
Ch:330.00m to Ch: 360.00m		1	30.00	7.00		**210.00**		
Ch:360.00m to Ch: 390.00m		1	30.00	6.20		**186.00**		
Ch:390.00m to Ch: 420.00m		1	30.00	5.10		**153.00**		
Ch:420.00m to Ch: 450.00m		1	30.00	5.70		**171.00**		
Ch:450.00m to Ch: 467.50m		1	17.50	7.40		**129.50**		
Ch:467.50m to Ch: 473.70m			Road Cross in Swd Drain					
Ch:473.70m to Ch: 500.00m		1	26.30	6.90		**181.47**		
Ch:500.00m to Ch: 530.00m		1	30.00	6.50		**195.00**		
For NMH Gobal School Road								
Ch:0.00m to Ch: 30.00m		1	30.00	5.75		**172.50**		
Ch:30.00m to Ch: 60.00m		1	30.00	6.00		**180.00**		
Ch:85.00m to Ch: 90.00m		1	5.00	5.90		**29.50**		
Ch:90.00m to Ch: 120.00m		1	30.00	6.50		**195.00**		
Ch:120.00m to Ch: 150.00m		1	30.00	5.80		**174.00**		
Ch:150.00m to Ch: 180.00m		1	30.00	5.80		**174.00**		
Ch:180.00m to Ch: 210.0m		1	30.00	6.40		**192.00**		
Ch:210.00m to Ch: 240.00m		1	30.00	6.50		**195.00**		
Ch:240.00m to Ch: 270.00m		1	30.00	6.70		**201.00**		
Ch:270.00m to Ch: 300.00m		1	30.00	6.00		**180.00**		
Ch:300.00m to Ch: 330.00m		1	30.00	6.60		**198.00**		
Ch:330.00m to Ch: 360.00m		1	30.00	6.80		**204.00**		
Ch:360.00m to Ch: 364.00m		1	4.00	6.80		**27.20**		
Ch:364.00m to Ch: 390.00m		1	26.00	6.50		**169.00**		
Ch:390.00m to Ch: 420.00m		1	30.00	5.90		**177.00**		
Ch:420.00m to Ch: 450.00m		1	30.00	5.60		**168.00**		
Ch:450.00m to Ch: 453.40m		1	3.40	5.60		**19.04**		
1st Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		1	30.00	4.30		**129.00**		
Ch:30.00m to Ch: 44.60m		1	14.60	4.30		**62.78**		
2nd Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		1	30.00	4.35		**130.50**		
Ch:30.00m to Ch: 41.40m		1	11.40	4.00		**45.60**		
NMH Kalayana Mantapa Road								
Ch:1905.00m to Ch: 1910.00m		1	5.00	8.90		**44.50**		
Ch:1910.00m to Ch: 1940.00m		1	30.00	5.80		**174.00**		
Ch:1940.00m to Ch: 1970.00m		1	30.00	7.00		**210.00**		
Ch:1970.00m to Ch: 2000.00m		1	30.00	7.90		**237.00**		
Ch:2000.00m to Ch: 2030.00m		1	30.00	5.70		**171.00**		
Ch:2030.00m to Ch: 2060.00m		1	30.00	6.30		**189.00**		

	Ch:2060.00m to Ch: 2090.00m		1	30.00	7.15		214.50		
	Ch:2090.00m to Ch: 2120.00m		1	30.00	6.70		201.00		
	Ch:2120.00m to Ch: 2150.00m		1	30.00	7.50		225.00		
	Ch:2150.00m to Ch: 2157.00m		1	7.00	7.70		53.90		
	Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
	Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
	Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
	Ch:2175.00m to Ch: 2200.00m		1	25.00	5.95		148.75		
	Ch:2200.00m to Ch: 2230.00m		1	30.00	6.10		183.00		
	Ch:2230.00m to Ch: 2241.40m		1	11.00	8.65		95.15		
	Siddeshwara temple road		1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	25.00	6.50		162.50		
	Siddeshwara temple 1st cross		1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
	Siddeshwara temple 2nd cross		1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	19.00	6.50		123.50		
						Total Qty	**22421.74**		
						Schedule-B Qty	**5026.10**	**5.57**	27995.38
						Upto125% Qty	**1256.52**	**5.57**	6998.82
						Above 125% Qty	**16139.12**	**5.57**	89894.90
						Total Qty	**22421.74**		**124889.09**
13	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5								
		Sqm							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05		**75.25**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20		**366.00**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70		**317.50**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90		**357.00**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90		**357.00**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70		**381.00**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25		**337.50**		

	Ch 180.00m to Ch 210.00m		1	30.00	12.90		387.00		
	Ch 210.00m to Ch 240.00m		1	30.00	10.60		318.00		
	Ch 240.00m to Ch 270.00m		1	30.00	13.20		396.00		
	Ch 270.00m to Ch 300.00m		1	30.00	12.10		363.00		
	Ch 300.00m to Ch 330.00m		1	30.00	12.10		363.00		
	Ch 330.00m to Ch 360.00m		1	30.00	12.65		379.50		
	Ch 360.00m to Ch 390.00m		1	30.00	11.00		330.00		
	Ch 390.00m to Ch 420.00m		1	30.00	12.45		373.50		
	Ch 420.00m to Ch 428.50m		1	8.50	11.50		97.75		
	Sri Ganesh temple Road								
	Ch 0.00m to Ch 7.00m		1	7.00	13.15		92.05		
	Ch 7.00m to Ch 18.00m		1	11.00	12.50		137.50		
	Ch 18.00m to Ch: 30.00m		1	12.00	6.70		80.40		
	Ch 30.00m to Ch: 60.00m		1	30.00	6.30		189.00		
	Ch 60.00m to Ch: 90.00m		1	30.00	6.40		192.00		
	Ch:90.00m to Ch: 120.00m		1	30.00	5.20		156.00		
	Ch:120.00m to Ch: 150.00m		1	30.00	6.80		204.00		
	Ch:150.00m to Ch: 180.00m		1	30.00	6.55		196.50		
	Ch:180.00m to Ch: 210.00m		1	30.00	7.10		213.00		
	Ch:210.00m to Ch: 240.00m		1	30.00	7.10		213.00		
	Ch:240.00m to Ch: 270.00m		1	30.00	6.20		186.00		
	Ch:270.00m to Ch: 274.10m		1	4.10	6.90		28.29		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		1	15.00	5.65		84.75		
	Ch:15.00m to Ch: 30.00m		1	15.00	6.25		93.75		
	Ch:30.00m to Ch: 60.00m		1	30.00	7.10		213.00		
	Ch:60.00m to Ch: 90.00m		1	30.00	7.00		210.00		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.90		207.00		
	Ch:120.00m to Ch: 150.00m		1	30.00	7.70		231.00		
	Ch:150.00m to Ch: 180.00m		1	30.00	7.40		222.00		
	Ch:180.00m to Ch: 210.00m		1	30.00	6.00		180.00		
	Ch:210.00m to Ch: 221.80m		1	11.80	6.10		71.98		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		1	30.00	4.40		132.00		
	Ch:30.00m to Ch: 60.00m		1	30.00	3.80		114.00		
	Ch:60.00m to Ch: 81.00m		1	21.00	3.90		81.90		
	For MHR Layout								
	Ch:0.00m to Ch: 85.00m		1	0.00	0.00		0.00		
	Ch:85.00m to Ch: 90.00m		1	5.00	4.65		23.25		
	Ch:90.00m to Ch: 120.00m		1	30.00	4.60		138.00		
	Ch:120.00m to Ch: 150.00m		1	30.00	5.75		172.50		
	Ch:150.00m to Ch: 180.00m		1	30.00	5.00		150.00		
	Ch:180.00m to Ch: 196.60m		1	16.60	5.20		86.32		
	Ch:196.60m to Ch: 213.60m		1	17.00	16.10		273.70		
	Ch:213.60m to Ch: 240.00m		1	26.40	6.40		168.96		
	Ch:240.00m to Ch: 270.00m		1	30.00	5.70		171.00		
	Ch:270.00m to Ch: 300.00m		1	30.00	5.40		162.00		
	Ch:300.00m to Ch: 330.00m		1	30.00	6.70		201.00		
	Ch:330.00m to Ch: 360.00m		1	30.00	7.00		210.00		
	Ch:360.00m to Ch: 390.00m		1	30.00	6.20		186.00		
	Ch:390.00m to Ch: 420.00m		1	30.00	5.10		153.00		
	Ch:420.00m to Ch: 450.00m		1	30.00	5.70		171.00		
	Ch:450.00m to Ch: 467.50m		1	17.50	7.40		129.50		

Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain							
Ch:473.70m to Ch: 500.00m		1	26.30	6.90		181.47			
Ch:500.00m to Ch: 530.00m		1	30.00	6.50		195.00			
For NMH Gobal School Road									
Ch:0.00m to Ch: 30.00m		1	30.00	5.75		172.50			
Ch:30.00m to Ch: 60.00m		1	30.00	6.00		180.00			
Ch:85.00m to Ch: 90.00m		1	5.00	5.90		29.50			
Ch:90.00m to Ch: 120.00m		1	30.00	6.50		195.00			
Ch:120.00m to Ch: 150.00m		1	30.00	5.80		174.00			
Ch:150.00m to Ch: 180.00m		1	30.00	5.80		174.00			
Ch:180.00m to Ch: 210.0m		1	30.00	6.40		192.00			
Ch:210.00m to Ch: 240.00m		1	30.00	6.50		195.00			
Ch:240.00m to Ch: 270.00m		1	30.00	6.70		201.00			
Ch:270.00m to Ch: 300.00m		1	30.00	6.00		180.00			
Ch:300.00m to Ch: 330.00m		1	30.00	6.60		198.00			
Ch:330.00m to Ch: 360.00m		1	30.00	6.80		204.00			
Ch:360.00m to Ch: 364.00m		1	4.00	6.80		27.20			
Ch:364.00m to Ch: 390.00m		1	26.00	6.50		169.00			
Ch:390.00m to Ch: 420.00m		1	30.00	5.90		177.00			
Ch:420.00m to Ch: 450.00m		1	30.00	5.60		168.00			
Ch:450.00m to Ch: 453.40m		1	3.40	5.60		19.04			
1st Cross Siddeshwara layout									
Ch:0.00m to Ch: 30.00m		1	30.00	4.30		129.00			
Ch:30.00m to Ch: 44.60m		1	14.60	4.30		62.78			
2nd Cross Siddeshwara layout									
Ch:0.00m to Ch: 30.00m		1	30.00	4.35		130.50			
Ch:30.00m to Ch: 41.40m		1	11.40	4.00		45.60			
NMH Kalayana Mantapa Road									
Ch:1905.00m to Ch: 1910.00m		2	5.00	8.90		89.00			
Ch:1910.00m to Ch: 1940.00m		2	30.00	5.80		348.00			
Ch:1940.00m to Ch: 1970.00m		2	30.00	7.00		420.00			
Ch:1970.00m to Ch: 2000.00m		2	30.00	7.90		474.00			
Ch:2000.00m to Ch: 2030.00m		2	30.00	5.70		342.00			
Ch:2030.00m to Ch: 2060.00m		2	30.00	6.30		378.00			
Ch:2060.00m to Ch: 2090.00m		2	30.00	7.15		429.00			
Ch:2090.00m to Ch: 2120.00m		2	30.00	6.70		402.00			
Ch:2120.00m to Ch: 2150.00m		2	30.00	7.50		450.00			
Ch:2150.00m to Ch: 2157.00m		2	7.00	7.70		107.80			
Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert							
Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert							
Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert							
Ch:2175.00m to Ch: 2200.00m		2	25.00	5.95		297.50			
Ch:2200.00m to Ch: 2230.00m		2	30.00	6.10		366.00			
Ch:2230.00m to Ch: 2241.40m		2	11.00	8.65		190.30			
Siddeshwara temple road		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	25.00	6.50		162.50			
Siddeshwara temple 1st cross		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			
		1	30.00	6.50		195.00			

			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
	Siddeshwara temple 2nd cross		1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	30.00	6.50		195.00		
			1	19.00	6.50		123.50		
						Total Qty	**24568.54**		
						Schedule-B Qty	**13720.60**	**13.36**	**183307.22**
						Upto125% Qty	**3430.15**	13.36	**45826.80**
						Above 125% Qty	**7417.79**	15.58	**115569.17**
						Total Qty	**24568.54**		**344703.19**
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								
		Cum							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05	0.05	**3.76**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20	0.05	**18.30**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70	0.05	**15.88**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90	0.05	**17.85**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90	0.05	**17.85**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70	0.05	**19.05**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25	0.05	**16.88**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90	0.05	**19.35**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60	0.05	**15.90**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20	0.05	**19.80**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10	0.05	**18.15**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10	0.05	**18.15**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65	0.05	**18.98**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00	0.05	**16.50**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45	0.05	**18.68**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50	0.05	**4.89**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		1	7.00	13.15	0.05	**4.60**		
	Ch:7.00m to Ch: 18.00m		1	11.00	12.50	0.05	**6.88**		
	Ch:18.00m to Ch: 30.00m		1	12.00	6.70	0.05	**4.02**		
	Ch:30.00m to Ch: 60.00m		1	30.00	6.30	0.05	**9.45**		
	Ch:60.00m to Ch: 90.00m		1	30.00	6.40	0.05	**9.60**		
	Ch:90.00m to Ch: 120.00m		1	30.00	5.20	0.05	**7.80**		
	Ch:120.00m to Ch: 150.00m		1	30.00	6.80	0.05	**10.20**		
	Ch:150.00m to Ch: 180.00m		1	30.00	6.55	0.05	**9.83**		
	Ch:180.00m to Ch: 210.00m		1	30.00	7.10	0.05	**10.65**		
	Ch:210.00m to Ch: 240.00m		1	30.00	7.10	0.05	**10.65**		

	Ch:240.00m to Ch: 270.00m		1	30.00	6.20	0.05	**9.30**		
	Ch:270.00m to Ch: 274.10m		1	4.10	6.90	0.05	**1.41**		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		1	15.00	5.65	0.05	**4.24**		
	Ch:15.00m to Ch: 30.00m		1	15.00	6.25	0.05	**4.69**		
	Ch:30.00m to Ch: 60.00m		1	30.00	7.10	0.05	**10.65**		
	Ch:60.00m to Ch: 90.00m		1	30.00	7.00	0.05	**10.50**		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.90	0.05	**10.35**		
	Ch:120.00m to Ch: 150.00m		1	30.00	7.70	0.05	**11.55**		
	Ch:150.00m to Ch: 180.00m		1	30.00	7.40	0.05	**11.10**		
	Ch:180.00m to Ch: 210.00m		1	30.00	6.00	0.05	**9.00**		
	Ch:210.00m to Ch: 221.80m		1	11.80	6.10	0.05	**3.60**		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:30.00m to Ch: 60.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:60.00m to Ch: 81.00m		2	21.00	1.20	0.05	**2.52**		
	For MHR Layout								
	Ch:0.00m to Ch: 85.00m		0	0.00	0.00	0.00	**0.00**		
	Ch:85.00m to Ch: 90.00m		2	5.00	1.20	0.05	**0.60**		
	Ch:90.00m to Ch: 120.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:120.00m to Ch: 150.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:180.00m to Ch: 196.60m		2	16.60	1.20	0.05	**1.99**		
	Ch:196.60m to Ch: 213.60m		2	17.00	1.20	0.05	**2.04**		
	Ch:213.60m to Ch: 240.00m		2	26.40	1.20	0.05	**3.17**		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:270.00m to Ch: 300.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:300.00m to Ch: 330.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:330.00m to Ch: 360.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:360.00m to Ch: 390.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:390.00m to Ch: 420.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:420.00m to Ch: 450.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:450.00m to Ch: 467.50m		2	17.50	1.20	0.05	**2.10**		
	Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
	Ch:473.70m to Ch: 500.00m		2	26.30	1.20	0.05	**3.16**		
	Ch:500.00m to Ch: 530.00m		2	30.00	1.20	0.05	**3.60**		
	For NMH Gobal School Road								
	Ch:0.00m to Ch: 30.00m		1	30.00	5.75	0.05	**8.63**		
	Ch:30.00m to Ch: 60.00m		1	30.00	6.00	0.05	**9.00**		
	Ch:85.00m to Ch: 90.00m		1	5.00	5.90	0.05	**1.48**		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.50	0.05	**9.75**		
	Ch:120.00m to Ch: 150.00m		1	30.00	5.80	0.05	**8.70**		
	Ch:150.00m to Ch: 180.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:180.00m to Ch: 210.0m		2	30.00	1.20	0.05	**3.60**		
	Ch:210.00m to Ch: 240.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:240.00m to Ch: 270.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:270.00m to Ch: 300.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:300.00m to Ch: 330.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:330.00m to Ch: 360.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:360.00m to Ch: 364.00m		2	4.00	1.20	0.05	**0.48**		
	Ch:364.00m to Ch: 390.00m		2	26.00	1.20	0.05	**3.12**		
	Ch:390.00m to Ch: 420.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:420.00m to Ch: 450.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:450.00m to Ch: 453.40m		2	3.40	1.20	0.05	**0.41**		

	1st Cross Siddeshwara layout								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:30.00m to Ch: 44.60m		2	14.60	1.20	0.05	**1.75**		
	2nd Cross Siddeshwara layout								
	Ch:0.00m to Ch: 30.00m		2	30.00	1.20	0.05	**3.60**		
	Ch:30.00m to Ch: 41.40m		2	11.40	1.20	0.05	**1.37**		
	NMH Kalayana Mantapa Road								
	Ch:1905.00m to Ch: 1910.00m		2	5.00	1.50	0.05	**0.75**		
	Ch:1910.00m to Ch: 1940.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:1940.00m to Ch: 1970.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:1970.00m to Ch: 2000.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2000.00m to Ch: 2030.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2030.00m to Ch: 2060.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2060.00m to Ch: 2090.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2090.00m to Ch: 2120.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2120.00m to Ch: 2150.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2150.00m to Ch: 2157.00m		2	7.00	1.50	0.05	**1.05**		
	Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
	Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
	Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
	Ch:2175.00m to Ch: 2200.00m		2	25.00	1.50	0.05	**3.75**		
	Ch:2200.00m to Ch: 2230.00m		2	30.00	1.50	0.05	**4.50**		
	Ch:2230.00m to Ch: 2241.40m		2	11.00	1.50	0.05	**1.65**		
	Siddeshwara temple road		2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	25.00	1.20	0.05	**3.00**		
	Siddeshwara temple 1st cross		2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
	Siddeshwara temple 2nd cross		2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		
			2	30.00	1.20	0.05	**3.60**		

			2	30.00	1.20	0.05	3.60		
			2	30.00	1.20	0.05	3.60		
			2	19.00	1.20	0.05	2.28		
						Total Qty	726.85		
						Schedule-B Qty	165.26	7799.90	1289011.47
						Upto125% Qty	41.32	7799.90	322291.87
						Above 125% Qty	520.27	8107.09	4217835.18
						Total Qty	726.85		5829138.52
15	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen								
		Cum							
	Ch:0.00m to Ch: 5.00m		1	5.00	15.05	0.04	**3.01**		
	Ch:5.00m to Ch: 35.00m		1	30.00	12.20	0.04	**14.64**		
	Ch:35.00m to Ch: 60.00m		1	25.00	12.70	0.04	**12.70**		
	Ch:60.00m to Ch: 90.00m		1	30.00	11.90	0.04	**14.28**		
	Ch:90.00m to Ch: 120.00m		1	30.00	11.90	0.04	**14.28**		
	Ch:120.00m to Ch: 150.00m		1	30.00	12.70	0.04	**15.24**		
	Ch:150.00m to Ch: 180.00m		1	30.00	11.25	0.04	**13.50**		
	Ch:180.00m to Ch: 210.00m		1	30.00	12.90	0.04	**15.48**		
	Ch:210.00m to Ch: 240.00m		1	30.00	10.60	0.04	**12.72**		
	Ch:240.00m to Ch: 270.00m		1	30.00	13.20	0.04	**15.84**		
	Ch:270.00m to Ch: 300.00m		1	30.00	12.10	0.04	**14.52**		
	Ch:300.00m to Ch: 330.00m		1	30.00	12.10	0.04	**14.52**		
	Ch:330.00m to Ch: 360.00m		1	30.00	12.65	0.04	**15.18**		
	Ch:360.00m to Ch: 390.00m		1	30.00	11.00	0.04	**13.20**		
	Ch:390.00m to Ch: 420.00m		1	30.00	12.45	0.04	**14.94**		
	Ch:420.00m to Ch: 428.50m		1	8.50	11.50	0.04	**3.91**		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		1	7.00	13.15	0.04	**3.68**		
	Ch:7.00m to Ch: 18.00m		1	11.00	12.50	0.04	**5.50**		
	Ch:18.00m to Ch: 30.00m		1	12.00	6.70	0.04	**3.22**		
	Ch:30.00m to Ch: 60.00m		1	30.00	6.30	0.04	**7.56**		
	Ch:60.00m to Ch: 90.00m		1	30.00	6.40	0.04	**7.68**		
	Ch:90.00m to Ch: 120.00m		1	30.00	5.20	0.04	**6.24**		
	Ch:120.00m to Ch: 150.00m		1	30.00	6.80	0.04	**8.16**		
	Ch:150.00m to Ch: 180.00m		1	30.00	6.55	0.04	**7.86**		
	Ch:180.00m to Ch: 210.00m		1	30.00	7.10	0.04	**8.52**		
	Ch:210.00m to Ch: 240.00m		1	30.00	7.10	0.04	**8.52**		
	Ch:240.00m to Ch: 270.00m		1	30.00	6.20	0.04	**7.44**		
	Ch:270.00m to Ch: 274.10m		1	4.10	6.90	0.04	**1.13**		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		1	15.00	5.65	0.04	**3.39**		
	Ch:15.00m to Ch: 30.00m		1	15.00	6.25	0.04	**3.75**		
	Ch:30.00m to Ch: 60.00m		1	30.00	7.10	0.04	**8.52**		
	Ch:60.00m to Ch: 90.00m		1	30.00	7.00	0.04	**8.40**		
	Ch:90.00m to Ch: 120.00m		1	30.00	6.90	0.04	**8.28**		
	Ch:120.00m to Ch: 150.00m		1	30.00	7.70	0.04	**9.24**		
	Ch:150.00m to Ch: 180.00m		1	30.00	7.40	0.04	**8.88**		
	Ch:180.00m to Ch: 210.00m		1	30.00	6.00	0.04	**7.20**		
	Ch:210.00m to Ch: 221.80m		1	11.80	6.10	0.04	**2.88**		

5th Cross Road								
Ch:0.00m to Ch: 30.00m		1	30.00	4.40	0.04	**5.28**		
Ch:30.00m to Ch: 60.00m		1	30.00	3.80	0.04	**4.56**		
Ch:60.00m to Ch: 81.00m		1	21.00	3.90	0.04	**3.28**		
For MHR Layout								
Ch:0.00m to Ch: 85.00m		1	0.00	0.00	0.00	**0.00**		
Ch:85.00m to Ch: 90.00m		1	5.00	4.65	0.04	**0.93**		
Ch:90.00m to Ch: 120.00m		1	30.00	4.60	0.04	**5.52**		
Ch:120.00m to Ch: 150.00m		1	30.00	5.75	0.04	**6.90**		
Ch:150.00m to Ch: 180.00m		1	30.00	5.00	0.04	**6.00**		
Ch:180.00m to Ch: 196.60m		1	16.60	5.20	0.04	**3.45**		
Ch:196.60m to Ch: 213.60m		1	17.00	16.10	0.04	**10.95**		
Ch:213.60m to Ch: 240.00m		1	26.40	6.40	0.04	**6.76**		
Ch:240.00m to Ch: 270.00m		1	30.00	5.70	0.04	**6.84**		
Ch:270.00m to Ch: 300.00m		1	30.00	5.40	0.04	**6.48**		
Ch:300.00m to Ch: 330.00m		1	30.00	6.70	0.04	**8.04**		
Ch:330.00m to Ch: 360.00m		1	30.00	7.00	0.04	**8.40**		
Ch:360.00m to Ch: 390.00m		1	30.00	6.20	0.04	**7.44**		
Ch:390.00m to Ch: 420.00m		1	30.00	5.10	0.04	**6.12**		
Ch:420.00m to Ch: 450.00m		1	30.00	5.70	0.04	**6.84**		
Ch:450.00m to Ch: 467.50m		1	17.50	7.40	0.04	**5.18**		
Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
Ch:473.70m to Ch: 500.00m		1	26.30	6.90	0.04	**7.26**		
Ch:500.00m to Ch: 530.00m		1	30.00	6.50	0.04	**7.80**		
For NMH Gobal School Road								
Ch:0.00m to Ch: 30.00m		1	30.00	5.75	0.04	**6.90**		
Ch:30.00m to Ch: 60.00m		1	30.00	6.00	0.04	**7.20**		
Ch:85.00m to Ch: 90.00m		1	5.00	5.90	0.04	**1.18**		
Ch:90.00m to Ch: 120.00m		1	30.00	6.50	0.04	**7.80**		
Ch:120.00m to Ch: 150.00m		1	30.00	5.80	0.04	**6.96**		
Ch:150.00m to Ch: 180.00m		1	30.00	5.80	0.04	**6.96**		
Ch:180.00m to Ch: 210.0m		1	30.00	6.40	0.04	**7.68**		
Ch:210.00m to Ch: 240.00m		1	30.00	6.50	0.04	**7.80**		
Ch:240.00m to Ch: 270.00m		1	30.00	6.70	0.04	**8.04**		
Ch:270.00m to Ch: 300.00m		1	30.00	6.00	0.04	**7.20**		
Ch:300.00m to Ch: 330.00m		1	30.00	6.60	0.04	**7.92**		
Ch:330.00m to Ch: 360.00m		1	30.00	6.80	0.04	**8.16**		
Ch:360.00m to Ch: 364.00m		1	4.00	6.80	0.04	**1.09**		
Ch:364.00m to Ch: 390.00m		1	26.00	6.50	0.04	**6.76**		
Ch:390.00m to Ch: 420.00m		1	30.00	5.90	0.04	**7.08**		
Ch:420.00m to Ch: 450.00m		1	30.00	5.60	0.04	**6.72**		
Ch:450.00m to Ch: 453.40m		1	3.40	5.60	0.04	**0.76**		
1st Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		1	30.00	4.30	0.04	**5.16**		
Ch:30.00m to Ch: 44.60m		1	14.60	4.30	0.04	**2.51**		
2nd Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		1	30.00	4.35	0.04	**5.22**		
Ch:30.00m to Ch: 41.40m		1	11.40	4.00	0.04	**1.82**		
NMH Kalayana Mantapa Road								
Ch:1905.00m to Ch: 1910.00m		1	5.00	8.90	0.04	**1.78**		
Ch:1910.00m to Ch: 1940.00m		1	30.00	5.80	0.04	**6.96**		
Ch:1940.00m to Ch: 1970.00m		1	30.00	7.00	0.04	**8.40**		
Ch:1970.00m to Ch: 2000.00m		1	30.00	7.90	0.04	**9.48**		
Ch:2000.00m to Ch: 2030.00m		1	30.00	5.70	0.04	**6.84**		
Ch:2030.00m to Ch: 2060.00m		1	30.00	6.30	0.04	**7.56**		

	Ch 2060.00m to Ch: 2090.00m		1	30.00	7.15	0.04	**8.58**		
	Ch 2090.00m to Ch: 2120.00m		1	30.00	6.70	0.04	**8.04**		
	Ch 2120.00m to Ch: 2150.00m		1	30.00	7.50	0.04	**9.00**		
	Ch 2150.00m to Ch: 2157.00m		1	7.00	7.70	0.04	**2.16**		
	Ch 2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
	Ch 2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
	Ch 2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
	Ch 2175.00m to Ch: 2200.00m		1	25.00	5.95	0.04	**5.95**		
	Ch 2200.00m to Ch: 2230.00m		1	30.00	6.10	0.04	**7.32**		
	Ch 2230.00m to Ch: 2241.40m		1	11.00	8.65	0.04	**3.81**		
	Siddeshwara temple road		1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	25.00	6.50	0.04	**6.50**		
	Siddeshwara temple 1st cross		1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
	Siddeshwara temple 2nd cross		1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	30.00	6.50	0.04	**7.80**		
			1	19.00	6.50	0.04	**4.94**		
						Total Qty	**896.87**		
						Schedule-B Qty	**333.25**	**9049.80**	**3015845.85**
						Upto125% Qty	**83.32**	**9049.80**	**754029.34**
						Above 125% Qty	**480.30**	**9429.34**	**4528906.31**
						Total Qty	**896.87**		**8298781.50**
16	Add plastic to Bituminious concrete 8% of Bitumen								
		kg							
			Not Executed						
						Schedule-B Qty	3765.60		
						Total Qty	**0.00**	**28.35**	**0.00**

17	KSRRB M800.13 Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface: - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC: 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications MORTH Specification No. 803	Sqm							
	Ch:0.00m to Ch: 5.00m		2.5	5.00	0.15		1.88		
	Ch:5.00m to Ch: 35.00m		2.5	30.00	0.15		11.25		
	Ch:35.00m to Ch: 60.00m		2.5	25.00	0.15		9.38		
	Ch:60.00m to Ch: 90.00m		2.5	30.00	0.15		11.25		
	Ch:90.00m to Ch: 120.00m		2.5	30.00	0.15		11.25		
	Ch:120.00m to Ch: 150.00m		2.5	30.00	0.15		11.25		
	Ch:150.00m to Ch: 180.00m		2.5	30.00	0.15		11.25		
	Ch:180.00m to Ch: 210.00m		2.5	30.00	0.15		11.25		
	Ch:210.00m to Ch: 240.00m		2.5	30.00	0.15		11.25		
	Ch:240.00m to Ch: 270.00m		2.5	30.00	0.15		11.25		
	Ch:270.00m to Ch: 300.00m		2.5	30.00	0.15		11.25		
	Ch:300.00m to Ch: 330.00m		2.5	30.00	0.15		11.25		
	Ch:330.00m to Ch: 360.00m		2.5	30.00	0.15		11.25		
	Ch:360.00m to Ch: 390.00m		2.5	30.00	0.15		11.25		
	Ch:390.00m to Ch: 420.00m		2.5	30.00	0.15		11.25		
	Ch:420.00m to Ch: 428.50m		2.5	8.50	0.15		3.19		
	Sri Ganesh temple Road								
	Ch:0.00m to Ch: 7.00m		2.5	7.00	0.15		2.63		
	Ch:7.00m to Ch: 18.00m		2.5	11.00	0.15		4.13		
	Ch:18.00m to Ch: 30.00m		2.5	12.00	0.15		4.50		
	Ch:30.00m to Ch: 60.00m		2.5	30.00	0.15		11.25		
	Ch:60.00m to Ch: 90.00m		2.5	30.00	0.15		11.25		
	Ch:90.00m to Ch: 120.00m		2.5	30.00	0.15		11.25		
	Ch:120.00m to Ch: 150.00m		2.5	30.00	0.15		11.25		
	Ch:150.00m to Ch: 180.00m		2.5	30.00	0.15		11.25		
	Ch:180.00m to Ch: 210.00m		2.5	30.00	0.15		11.25		
	Ch:210.00m to Ch: 240.00m		2.5	30.00	0.15		11.25		
	Ch:240.00m to Ch: 270.00m		2.5	30.00	0.15		11.25		
	Ch:270.00m to Ch: 274.10m		2.5	4.10	0.15		1.54		
	For MMH Road								
	Ch:0.00m to Ch: 15.00m		2.5	15.00	0.15		5.63		
	Ch:15.00m to Ch: 30.00m		2.5	15.00	0.15		5.63		
	Ch:30.00m to Ch: 60.00m		2.5	30.00	0.15		11.25		
	Ch:60.00m to Ch: 90.00m		2.5	30.00	0.15		11.25		
	Ch:90.00m to Ch: 120.00m		2.5	30.00	0.15		11.25		
	Ch:120.00m to Ch: 150.00m		2.5	30.00	0.15		11.25		
	Ch:150.00m to Ch: 180.00m		2.5	30.00	0.15		11.25		
	Ch:180.00m to Ch: 210.00m		2.5	30.00	0.15		11.25		
	Ch:210.00m to Ch: 221.80m		2.5	11.80	0.15		4.43		
	5th Cross Road								
	Ch:0.00m to Ch: 30.00m		2.5	30.00	0.15		11.25		
	Ch:30.00m to Ch: 60.00m		2.5	30.00	0.15		11.25		
	Ch:60.00m to Ch: 81.00m		2.5	21.00	0.15		7.88		
	For MHR Layout								
	Ch:0.00m to Ch: 85.00m		2.5	0.00	0.15		0.00		
	Ch:85.00m to Ch: 90.00m		2.5	5.00	0.15		1.88		
	Ch:90.00m to Ch: 120.00m		2.5	30.00	0.15		11.25		
	Ch:120.00m to Ch: 150.00m		2.5	30.00	0.15		11.25		
	Ch:150.00m to Ch: 180.00m		2.5	30.00	0.15		11.25		
	Ch:180.00m to Ch: 196.60m		2.5	16.60	0.15		6.23		

Ch:186.60m to Ch: 213.60m		2.5	17.00	0.15		6.38		
Ch:213.60m to Ch: 240.00m		2.5	26.40	0.15		9.90		
Ch:240.00m to Ch: 270.00m		2.5	30.00	0.15		11.25		
Ch:270.00m to Ch: 300.00m		2.5	30.00	0.15		11.25		
Ch:300.00m to Ch: 330.00m		2.5	30.00	0.15		11.25		
Ch:330.00m to Ch: 360.00m		2.5	30.00	0.15		11.25		
Ch:360.00m to Ch: 390.00m		2.5	30.00	0.15		11.25		
Ch:390.00m to Ch: 420.00m		2.5	30.00	0.15		11.25		
Ch:420.00m to Ch: 450.00m		2.5	30.00	0.15		11.25		
Ch:450.00m to Ch: 467.50m		2.5	17.50	0.15		6.56		
Ch:467.50m to Ch: 473.70m		Road Cross in Swd Drain						
Ch:473.70m to Ch: 500.00m		2.5	26.30	0.15		9.86		
Ch:500.00m to Ch: 530.00m		2.5	30.00	0.15		11.25		
For NMH Gobal School Road								
Ch:0.00m to Ch: 30.00m		2.5	30.00	0.15		11.25		
Ch:30.00m to Ch: 60.00m		2.5	30.00	0.15		11.25		
Ch:85.00m to Ch: 90.00m		2.5	5.00	0.15		1.88		
Ch:90.00m to Ch: 120.00m		2.5	30.00	0.15		11.25		
Ch:120.00m to Ch: 150.00m		2.5	30.00	0.15		11.25		
Ch:150.00m to Ch: 180.00m		2.5	30.00	0.15		11.25		
Ch:180.00m to Ch: 210.0m		2.5	30.00	0.15		11.25		
Ch:210.00m to Ch: 240.00m		2.5	30.00	0.15		11.25		
Ch:240.00m to Ch: 270.00m		2.5	30.00	0.15		11.25		
Ch:270.00m to Ch: 300.00m		2.5	30.00	0.15		11.25		
Ch:300.00m to Ch: 330.00m		2.5	30.00	0.15		11.25		
Ch:330.00m to Ch: 360.00m		2.5	30.00	0.15		11.25		
Ch:360.00m to Ch: 364.00m		2.5	4.00	0.15		1.50		
Ch:364.00m to Ch: 390.00m		2.5	26.00	0.15		9.75		
Ch:390.00m to Ch: 420.00m		2.5	30.00	0.15		11.25		
Ch:420.00m to Ch: 450.00m		2.5	30.00	0.15		11.25		
Ch:450.00m to Ch: 453.40m		2.5	3.40	0.15		1.28		
1st Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2.5	30.00	0.15		11.25		
Ch:30.00m to Ch: 44.60m		2.5	14.60	0.15		5.48		
2nd Cross Siddeshwara layout								
Ch:0.00m to Ch: 30.00m		2.5	30.00	0.15		11.25		
Ch:30.00m to Ch: 41.40m		2.5	11.40	0.15		4.28		
NMH Kalayana Mantapa Road								
Ch:1905.00m to Ch: 1910.00m		2.5	5.00	0.15		1.88		
Ch:1910.00m to Ch: 1940.00m		2.5	30.00	0.15		11.25		
Ch:1940.00m to Ch: 1970.00m		2.5	30.00	0.15		11.25		
Ch:1970.00m to Ch: 2000.00m		2.5	30.00	0.15		11.25		
Ch:2000.00m to Ch: 2030.00m		2.5	30.00	0.15		11.25		
Ch:2030.00m to Ch: 2060.00m		2.5	30.00	0.15		11.25		
Ch:2060.00m to Ch: 2090.00m		2.5	30.00	0.15		11.25		
Ch:2090.00m to Ch: 2120.00m		2.5	30.00	0.15		11.25		
Ch:2120.00m to Ch: 2150.00m		2.5	30.00	0.15		11.25		
Ch:2150.00m to Ch: 2157.00m		2.5	7.00	0.15		2.63		
Ch:2157.00m to Ch: 2163.00m	6.00m	Approch Concrete for SWD Culvert						
Ch:2163.00m to Ch: 2170.00m	7.00m	SWD Culvert						
Ch:2170.00m to Ch: 2175.00m	5.00m	Approch Concrete for SWD Culvert						
Ch:2175.00m to Ch: 2200.00m		2.5	25.00	0.15		9.38		
Ch:2200.00m to Ch: 2230.00m		2.5	30.00	0.15		11.25		
Ch:2230.00m to Ch: 2241.40m		2.5	11.00	0.15		4.13		
Siddeshwara temple road		2.5	30.00	0.15		11.25		

		2.5	30.00	0.15		11.25		
		2.5	25.00	0.15		9.38		
Siddeshwara temple 1st cross		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
Siddeshwara temple 2nd cross		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	30.00	0.15		11.25		
		2.5	15.00	0.15		5.63		
					Total Qty	**1172.48**		
					Schedule-B Qty	**279.80**	**477.48**	**133598.90**
					Upto125% Qty	**69.95**	477.48	**33399.73**
					Above 125% Qty	**822.73**	477.48	**392834.73**
					Total Qty	**1172.48**		**559833.36**
						Total KPWD SR 2018-19 ITEMS Construction		**22464970.71**
							Grand Total	**22464970.71**

Certificate:

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The estimate is based on CSR of 2018-19

Assistant Engineer
BBMP Bangalore

Asst. Executive Engineer
BBMP Bangalore

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ಡಿ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-560073

Executive Engineer
BBMP Bangalore

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division, Bengaluru-73.

Technically Sanctione for Rs. 2,24,64,464

Rs. In words. Rs. Two Crore Twenty Four lakhs sixty four thousand

Under

P-0190

Job Code No. 014-18-000343/344

Registered as CE No. 35/2021-22

to conditions contained in Enclosed Memo

No. CE/DZ/TS/35/21-22 Dt: 26/11/21

AE/JE TA CE(D)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Improvements to CC roads and Drains at Defence colony, Havanoor Layout , Munikondappa Layout in Bagalgunte and Improvements to roads and Drains at 16th A cross 19th Cross and other cross roads at bagalgunte main road , improvements to cc roads surrounding of magnam school bhuvaneshwari nagara at bagalagunte ward no 14(2works)

RATE ANALYSIS

(Based on Schedule of Rates for the year 2018-19 PW,P&IWTD Bangalore Circle)

Sl No	Description of work	Unit	Page No	Item No	Basic Rate in Rs.	Lead	AW 6%	Total Rate in Rs	T. P @ +5.00% in Rs	Final Rate in Rs
	2	3	4	5	6	7	8	9	10	11
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	143	19.1	130.00		7.80	137.80	6.89	**144.69**
10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406 (Page No-158 Item no - 20.18 of KPWD SR 2018-19).	Cum	155	20.18	1888.00		113.28	2001.28	100.06	**2101.34**
11	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	158	21.6	34.00		2.04	36.04	1.80	**37.84**
12	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm	158	21.2	5.00		0.30	5.30	0.27	**5.57**
13	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	158	21.7	14.00		0.84	14.84	0.74	**15.58**
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	160	21.17.6	7284.00		437.04	7721.04	386.05	**8107.09**

15	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen	Cum	162	21.22.6	8472.00		508.32	8980.32	449.02	9429.34
17	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	182	24.15	429.00		25.74	454.74	22.74	477.48

Assistant Engineer
Ward No 14
BBMP

Assistant Executive Engineer
Bagalagunte Sub Division
BBMP

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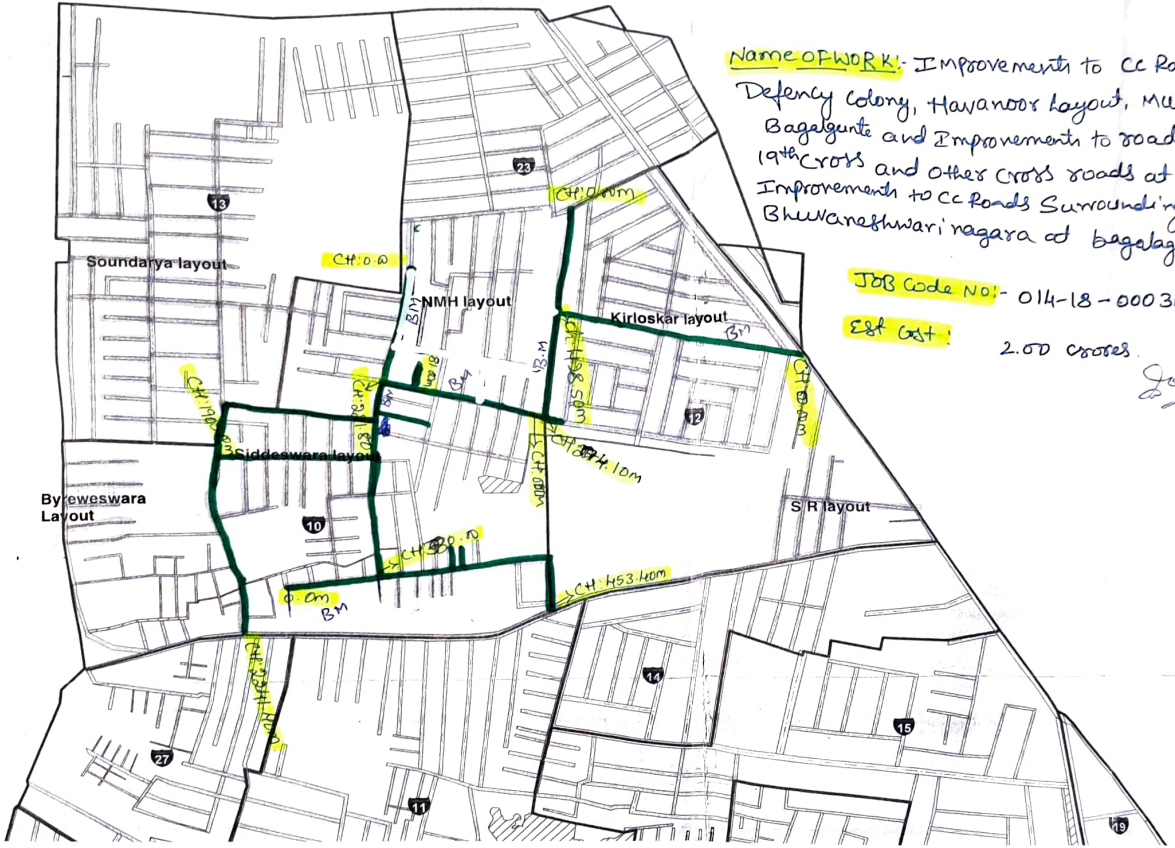
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

Executive Engineer
Dasarahalli Division
BBMP

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division, Bengaluru-73.



Name of Work:- Improvements to CC Roads and Drains at Defency Colony, Havanoor Layout, Murikondappa layout in Bagalgunte and Improvements to roads and Drains at 16th cross 19th cross and other cross roads at bagalgunte Main Road, Improvements to CC Roads Surrounding of Magnam School Bhuvaneshwari nagara at bagalgunte Ward NO 14 (2 Works)

Job Code No:- 014-18-000343

Est Cost:

2.00 crores

INDEX

Asphalt Road Work

The Final project Shipout of Rs.2246497880 is issued

EXECUTIVE ENGINEER
Mahanagara Palike